

(b) Amendments to the Claims

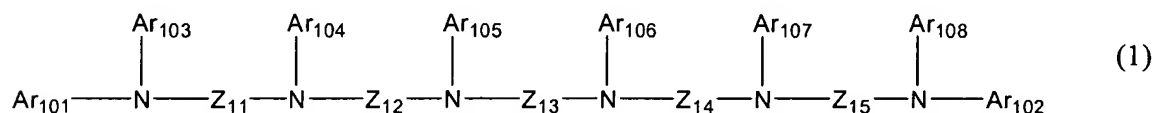
Kindly cancel claims 31-35 without prejudice or disclaimer of subject matter. Please amend claims 5, 25, 29 and 30 as follows. A detailed listing of all the claims that are or were in the application is provided hereafter.

1. (Previously Presented) An electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge transporting material having a structure represented by the following Formula (1) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (1) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge transporting material contained in said photosensitive layer:



wherein Ar₁₀₁ to Ar₁₀₈ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent

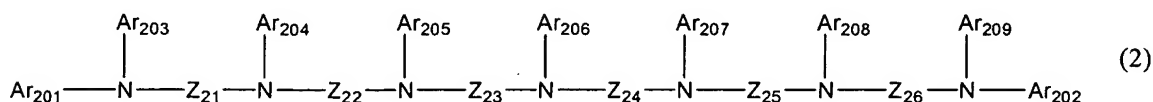
aromatic heterocyclic group, and Z_{11} to Z_{15} each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z_{11} to Z_{15} in Formula (1) is a substituted or unsubstituted dibenzothiophenylene, and the balance are each a substituted or unsubstituted biphenylene group.

2. (Previously Presented) An electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (2) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (2) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



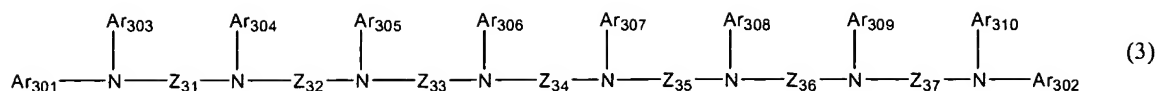
wherein Ar₂₀₁ to Ar₂₀₉ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₂₁ to Z₂₆ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₂₁ to Z₂₆ in Formula (2) is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

3. (Previously Presented) An electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (3) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (3) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



wherein Ar₃₀₁ to Ar₃₁₀ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₃₁ to Z₃₇ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₃₁ to Z₃₇ in Formula (3) is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

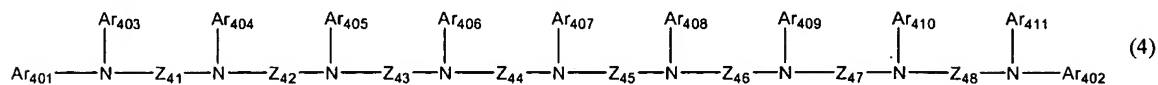
4. (Previously Presented) An electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (4) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (4) and having a molecular weight of from 1,500 to 4,000 is held in

a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



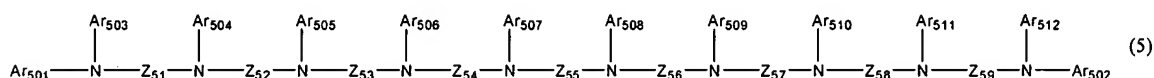
wherein Ar₄₀₁ to Ar₄₁₁ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₄₁ to Z₄₈ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₄₁ to Z₄₈ in Formula (4) is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

5. (Currently Amended) An electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (5) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (5) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



wherein Ar₅₀₁ to Ar₅₁₂ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₅₁ to Z₅₉ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₅₁ to Z₅₉ in Formula (5)[,[one]] is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

6. - 10. (Cancelled)

11. (Previously Presented) The electrophotographic photosensitive member according to claim 1, wherein said charge-transporting material having the structure represented by Formula (1) and having a molecular weight of from 1,500 to 4,000

is held in a proportion of 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer.

12. (Previously Presented) The electrophotographic photosensitive member according to claim 2, wherein said charge-transporting material having the structure represented by Formula (2) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer.

13. (Previously Presented) The electrophotographic photosensitive member according to claim 3, wherein said charge-transporting material having the structure represented by Formula (3) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer.

14. (Previously Presented) The electrophotographic photosensitive member according to claim 4, wherein said charge-transporting material having the structure represented by Formula (4) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer.

15. (Previously Presented) The electrophotographic photosensitive member according to claim 5, wherein said charge-transporting material having the structure represented by Formula (5) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer.

16. (Original) The electrophotographic photosensitive member according to claim 1, wherein said charge-transporting material having the structure represented by Formula (1) and having a molecular weight of from 1,500 to 4,000 is synthesized by successive synthesis.

17. (Original) The electrophotographic photosensitive member according to claim 2, wherein said charge-transporting material having the structure represented by Formula (2) and having a molecular weight of from 1,500 to 4,000 is synthesized by successive synthesis.

18. (Original) The electrophotographic photosensitive member according to claim 3, wherein said charge-transporting material having the structure represented by Formula (3) and having a molecular weight of from 1,500 to 4,000 is synthesized by successive synthesis.

19. (Original) The electrophotographic photosensitive member according to claim 4, wherein said charge-transporting material having the structure represented by Formula (4) and having a molecular weight of from 1,500 to 4,000 is synthesized by successive synthesis.

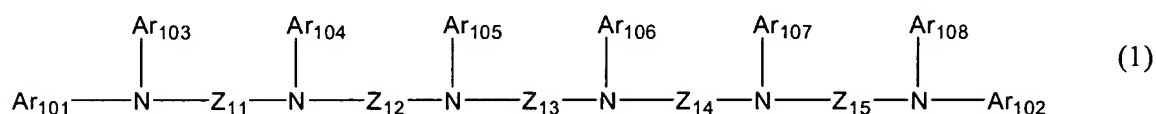
20. (Original) The electrophotographic photosensitive member according to claim 5, wherein said charge-transporting material having the structure represented by Formula (5) and having a molecular weight of from 1,500 to 4,000 is synthesized by successive synthesis.

21. (Previously Presented) A process cartridge comprising an electrophotographic photosensitive member and at least one means selected from the group consisting of a charging means, a developing means and a cleaning means which are integrally supported; and being detachably mountable on the main body of an electrophotographic apparatus; the electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (1) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (1) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



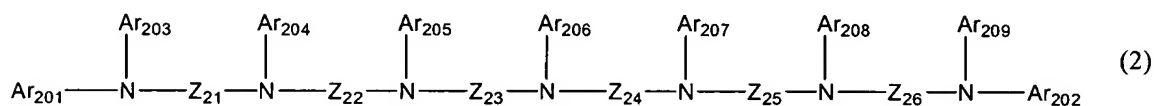
wherein Ar₁₀₁ to Ar₁₀₈ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₁₁ to Z₁₅ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₁₁ to Z₁₅ in Formula (1) is a substituted or unsubstituted dibenzothiophenylene, and the balance are each a substituted or unsubstituted biphenylene group.

22. (Previously Presented) A process cartridge comprising an electrophotographic photosensitive member and at least one means selected from the group consisting of a charging means, a developing means and a cleaning means which are integrally supported; and being detachably mountable on the main body of an electrophotographic apparatus; the electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (2) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (2) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



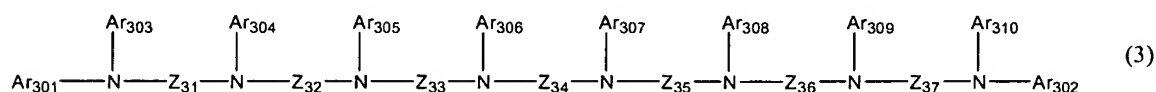
wherein Ar₂₀₁ to Ar₂₀₉ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₂₁ to Z₂₆ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₂₁ to Z₂₆ in Formula (2) is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

23. (Previously Presented) A process cartridge comprising an electrophotographic photosensitive member and at least one means selected from the group consisting of a charging means, a developing means and a cleaning means which are integrally supported; and being detachably mountable on the main body of an electrophotographic apparatus; the electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one of said charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (3) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (3) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



wherein Ar_{301} to Ar_{310} each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z_{31} to Z_{37} each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent

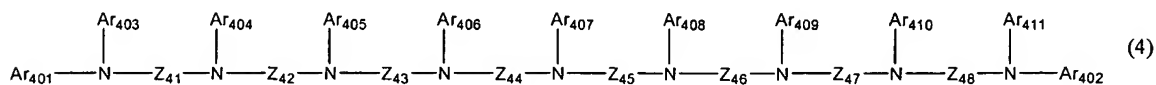
aromatic heterocyclic group, and wherein one of Z₃₁ to Z₃₇ in Formula (3) is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

24. (Previously Presented) A process cartridge comprising an electrophotographic photosensitive member and at least one means selected from the group consisting of a charging means, a developing means and a cleaning means which are integrally supported; and being detachably mountable on the main body of an electrophotographic apparatus; the electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (4) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (4) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material(s) contained in said photosensitive layer:



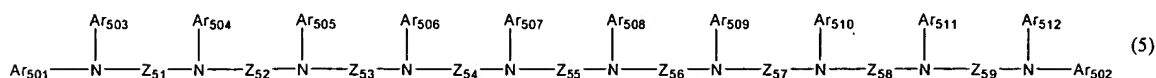
wherein Ar₄₀₁ to Ar₄₁₁ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₄₁ to Z₄₈ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₄₁ to Z₄₈ in Formula (4) is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

25. (Currently Amended) A process cartridge comprising an electrophotographic photosensitive member and at least one means selected from the group consisting of a charging means, a developing means and a cleaning means which are integrally supported; and being detachably mountable on the main body of an electrophotographic apparatus; the electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (5) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (5) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



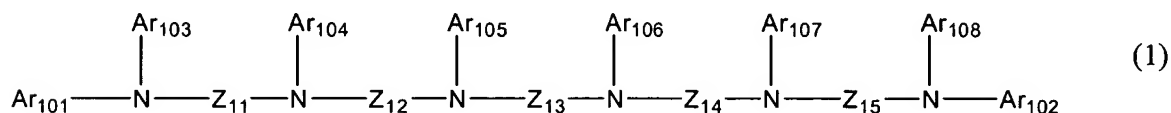
wherein Ar₅₀₁ to Ar₅₁₂ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₅₁ to Z₅₉ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₅₁ to Z₅₉ in Formula (5)[, [one]] is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

26. (Previously Presented) An electrophotographic apparatus comprising an electrophotographic photosensitive member, a charging means, an exposure means, a developing means and a transfer means; the electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (1) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (1) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



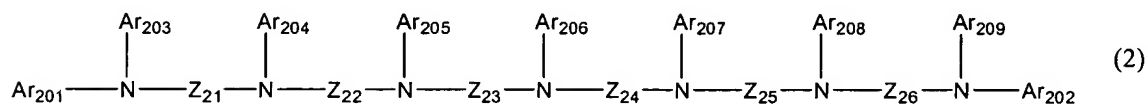
wherein Ar₁₀₁ to Ar₁₀₈ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₁₁ to Z₁₅ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₁₁ to Z₁₅ in Formula (1) is a substituted or unsubstituted dibenzothiophenylene, and the balance are each a substituted or unsubstituted biphenylene group.

27. (Previously Presented) An electrophotographic apparatus comprising an electrophotographic photosensitive member, a charging means, an exposure means, a developing means and a transfer means; the electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (2) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (2) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



wherein Ar_{201} to Ar_{209} each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z_{21} to Z_{26} each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent

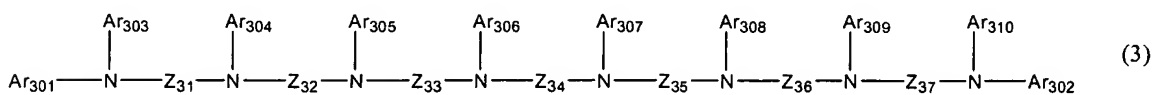
aromatic heterocyclic group, and wherein one of Z₂₁ to Z₂₆ in Formula (2) is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

28. (Previously Presented) An electrophotographic apparatus comprising an electrophotographic photosensitive member, a charging means, an exposure means, a developing means and a transfer means; the electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one of charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (3) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (3) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



wherein Ar₃₀₁ to Ar₃₁₀ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₃₁ to Z₃₇ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₃₁ to Z₃₇ in Formula (3) is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

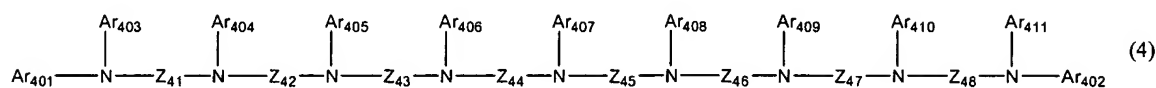
29. (Currently Amended) An electrophotographic apparatus comprising an electrophotographic photosensitive member, a charging means, an exposure means, a developing means and a transfer means; the electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material materials;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (4) and having a molecular weight of from 1,500 to 4,000; and

the charge-transporting material having a structure represented by the following Formula (4) and having a molecular weight of from 1,500 to 4,000 is held in

a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:

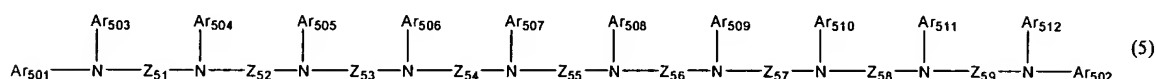


wherein Ar₄₀₁ to Ar₄₁₁ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₄₁ to Z₄₈ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₄₁ to Z₄₈ in Formula (4) is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

30. (Currently Amended) An electrophotographic apparatus comprising an electrophotographic photosensitive member, a charging means, an exposure means, a developing means and a transfer means; the electrophotographic photosensitive member comprising a conductive support and a photosensitive layer provided on the support, wherein;

said photosensitive layer contains at least one charge-transporting material;

wherein at least one of said charge-transporting material contained in said photosensitive layer is a charge-transporting material having a structure represented by the following Formula (5) and having a molecular weight of from 1,500 to 4,000; and the charge-transporting material having a structure represented by the following Formula (5) and having a molecular weight of from 1,500 to 4,000 is held in a proportion of from 90% by weight to 100% by weight based on the total weight of the charge-transporting material contained in said photosensitive layer:



wherein Ar₅₀₁ to Ar₅₁₂ each independently represent a substituted or unsubstituted monovalent aromatic carbocyclic group or a substituted or unsubstituted monovalent aromatic heterocyclic group, and Z₅₁ to Z₅₉ each independently represent a substituted or unsubstituted divalent aromatic carbocyclic group or a substituted or unsubstituted divalent aromatic heterocyclic group, and wherein one of Z₅₁ to Z₅₉ in Formula (5)[, [one]] is a substituted or unsubstituted dibenzofuranylene group or a substituted or unsubstituted dibenzothiophenylylene group, and the balance are each a substituted or unsubstituted biphenylene group.

31. - 35. (Cancelled)